

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 71   | 717/10?.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) and ( "event handler" or event or handler ) same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/14 07:51 |
| L2    | 9    | 717/100.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) and ( "event handler" or event or handler ) same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/14 07:51 |
| L3    | 7    | 717/102.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) and ( "event handler" or event or handler ) same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/14 07:50 |

## EAST Search History

|    |     |  |   |    |    |                  |
|----|-----|--|---|----|----|------------------|
| L4 | 13  | 717/113.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) and ( "event handler" or event or handler ) same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 07:52 |
| L5 | 21  | 717/109.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) and ( "event handler" or event or handler ) same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 10:15 |
| L6 | 68  | develop\$4 same "business application" and (multitier or "multi-tier" or "multiple tiers" )and ( "event handler" or event or handler ) same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 07:59 |
| L7 | 139 | I1 I2 I3 I4 I5 I6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 08:06 |
| L8 | 138 | (I1 I2 I3 I4 I5 I6 ) and (list\$3 or "data structure" or selection or menu or "drop down" )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 08:06 |

## EAST Search History

|    |    |  |   |    |     |                  |
|----|----|--|---|----|-----|------------------|
| L9 | 12 | 717/104.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) and ( "event handler" or event or handler ) same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/08/14 10:20 |
| S1 | 0  | ("6208345.pn.").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/07 08:05 |
| S2 | 2  | "6208345".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/03 11:51 |
| S3 | 4  | (ide or composer or "graphically create" or "graphical development" or "visual development" ) and ("do not optimize" or "don't optimize" or "non-optimization" )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 16:02 |
| S4 | 2  | (ide or composer or "graphically create" or "graphical development" or "visual development" ) and ("do not optimize" or "don't optimize" or "non-optimization" ) and optimization and "best answer"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/03 11:58 |
| S5 | 2  | "6208345".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/07 08:44 |
| S7 | 1  | "6208345".pn. and (optimiz\$5 or optimis\$5 or optimal )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 16:02 |
| S8 | 1  | "6208345".pn. and (optimiz\$5 or optimis\$5 or optimal )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 16:02 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S9  | 4443 | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" ) and (composer or ide or (development near2 (environment or system or visual\$2 or graphic\$4 ) ) and (suggest\$3 or recommend\$3 or permit\$3 or desir\$4 or compatib\$5 )                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 16:13 |
| S10 | 49   | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" ) same (composer or ide or (development near2 (environment or system or visual\$2 or graphic\$4 ) ) same (suggest\$3 or recommend\$3 or permit\$3 or desir\$4 or compatib\$5 )                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:01 |
| S11 | 0    | 717/109.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" ) same (composer or ide or (development near2 (environment or system or visual\$2 or graphic\$4 ) ) same (suggest\$3 or recommend\$3 or permit\$3 or desir\$4 or compatib\$5 )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:00 |
| S12 | 38   | 717/109.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/19 07:06 |
| S13 | 348  | 717/109.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:00 |
| S14 | 1    | 717/1???.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" ) same (composer or ide or (development near2 (environment or system or visual\$2 or graphic\$4 ) ) same (suggest\$3 or recommend\$3 or permit\$3 or desir\$4 or compatib\$5 ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:03 |
| S15 | 63   | 717/109.ccls. and (((knowledge or rule) adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or (decision adj (tree or table)) or heuristic or "search solution" )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/19 07:05 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S16 | 38   | 717/109.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" )                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/19 07:06 |
| S17 | 25   | S15 not S16  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/19 07:10 |
| S18 | 641  | (list\$3 or display\$3 or suggest\$3 or present\$5 ) near2 (suggestion or recommend\$5 or action or choice) and 717/1???.ccls.                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/19 07:14 |
| S19 | 13   | (list\$3 or display\$3 or suggest\$3 or present\$5 ) near2 (suggestion or recommend\$5 or action or choice) same model same event and 717/1???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/19 07:22 |
| S20 | 2    | "6854107".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/19 09:26 |
| S21 | 6    | ("6714217" "6854107" ).pn.<br>"20020095650"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/18 16:05 |
| S22 | 2    | ("5485615" ).pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/19 07:22 |
| S23 | 1052 | compil\$5 near3 (suggest\$3 recommend\$5 knowledge expert inferenc\$3 )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 07:24 |
| S24 | 780  | compil\$5 near2 (suggest\$3 recommend\$5 knowledge expert inferenc\$3 )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 07:25 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S25 | 433 | compil\$5 near2 (suggest\$3 recommend\$5 knowledge expert inferenc\$3 ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 07:35 |
| S26 | 918 | compil\$5 near2 (suggest\$3 recommend\$5 knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 08:47 |
| S27 | 2   | compil\$5 near2 (suggest\$3 recommend\$5) same ( knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 07:29 |
| S28 | 0   | compil\$5 near2 (suggest\$3 recommend\$5) same ( knowledge expert inferenc\$3 rule ) and (ide or composer) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 07:30 |
| S29 | 0   | compil\$5 near5 (suggest\$3 recommend\$5) same ( knowledge expert inferenc\$3 rule ) and (ide or composer) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 07:30 |
| S30 | 3   | compil\$5 near5 (suggest\$3 recommend\$5 option) same ( knowledge expert inferenc\$3 rule ) and (ide or composer) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 07:30 |
| S31 | 84  | compil\$5 near2 (suggest\$3 recommend\$5 knowledge expert inferenc\$3 ) same (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 07:35 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S32 | 3  | compil\$5 near2 (suggest\$3 recommend\$5 knowledge expert inferenc\$3 ) same (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node ) and "context sensitive"                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 07:40 |
| S33 | 0  | compil\$5 near2 (suggest\$3 recommend\$5 option) same (knowledge expert inferenc\$3 ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) near3 (model\$3 or graph\$6 or visual\$2 or icon\$6 or node ) and (context near3 event ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 07:45 |
| S34 | 2  | compil\$5 near2 (suggest\$3 recommend\$5 option) same (knowledge expert inferenc\$3 ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) near3 (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )                            | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 07:47 |
| S35 | 0  | (compil\$5 near3 event) and compil\$5 near2 (suggest\$3 recommend\$5 option) same (knowledge expert inferenc\$3 ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) and (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 07:48 |
| S36 | 34 | (compil\$5 near3 event) and compil\$5 near2 (suggest\$3 recommend\$5 option)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 07:48 |
| S37 | 12 | ("6115544").URPN.   | USPAT                                       | OR | OFF | 2006/10/19 08:09 |
| S38 | 12 | compil\$5 near2 (suggest\$3 recommend\$5 option) and agent near3 ( knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )            | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 08:28 |
| S39 | 10 | compil\$5 same (suggest\$3 recommend\$5 option) near5 action and agent near5 ( knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/10/19 08:29 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S40 | 10   | compil\$5 same ( (suggest\$3 recommend\$5 option) near5 action ) and agent near5 ( knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 08:42 |
| S41 | 105  | compil\$5 same ( (suggest\$3 recommend\$5 option) near5 action ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 08:42 |
| S42 | 11   | compil\$5 same ( (suggest\$3 recommend\$5 option) near5 action ) and (ide or composer or (integrated adj develop\$4) )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 08:43 |
| S43 | 307  | agent near2 (suggest\$3 recommend\$5 option\$4 analyz\$3 analysis heuristic\$4 ) same (knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 08:50 |
| S44 | 156  | (agent or manager) near2 (suggest\$3 recommend\$5 option\$4 analyz\$3 analysis heuristic\$4 ) same (knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 ) same (model\$3 or graph\$6 or visual\$2 or icon\$6 or node ) and ( 7??/???.ccls. or 345/???.ccls. ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 10:02 |
| S45 | 1423 | (suggest\$3 recommend\$5 option\$4 analyz\$3 analysis heuristic\$4 knowledge expert inferenc\$3 rule ) and (ide or composer or develop\$4 or creat\$3 or generat\$3 or model\$3 or graph\$6 or visual\$2 or icon\$6 or node ) and ( 771/14?.ccls. or 717/15?.ccls. )                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 10:04 |
| S46 | 18   | event near5 (suggest\$3 recommend\$5 option\$4 analyz\$3 analysis heuristic\$4 knowledge expert inferenc\$3 rule ) same (ide or composer or develop\$4 or creat\$3 or generat\$3 or model\$3 or graph\$6 or visual\$2 or icon\$6 or node ) and ( 771/14?.ccls. or 717/15?.ccls. )                          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/19 10:05 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S47 | 29    | ("4315315"   "4901221"   "4914568"   "5155836"   "5261043"   "5291587"   "5301336"   "5313574"   "5313575"   "5481668"   "5481741"   "5490246"   "5497500"   "5610828"   "5717614"   "5737622"   "5842020"   "5847953"   "5870088"   "5883639"   "6189138").PN. OR ("6425121").URPN.   | US-PGPUB; USPAT; USOCR                      | OR | OFF | 2006/10/19 10:25 |
| S48 | 4981  | (optimiz\$5 or optimis\$5 or optimal\$2 ) near3 (recommend\$6 or suggest\$3 or option)   | US-PGPUB; USPAT; USOCR                      | OR | ON  | 2006/10/19 10:27 |
| S49 | 3301  | (optimiz\$5 or optimis\$5 or optimal\$2 ) near3 (recommend\$6 or suggest\$3 )  | US-PGPUB; USPAT; USOCR                      | OR | ON  | 2006/10/19 10:27 |
| S50 | 2501  | (optimiz\$5 or optimis\$5 or optimal\$2 ) near2 (recommend\$6 or suggest\$3 )  | US-PGPUB; USPAT; USOCR                      | OR | ON  | 2006/10/19 10:28 |
| S51 | 1080  | (optimiz\$5 or optimis\$5 ) near2 (recommend\$6 or suggest\$3 )  | US-PGPUB; USPAT; USOCR                      | OR | ON  | 2006/10/19 10:28 |
| S52 | 17    | (optimiz\$5 or optimis\$5 ) near2 (recommend\$6 or suggest\$3 ) and 717/???.ccls.  | US-PGPUB; USPAT; USOCR                      | OR | ON  | 2006/10/19 10:28 |
| S53 | 58381 | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) and (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) and (suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/03 15:43 |
| S54 | 1758  | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) same (suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/03 15:20 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S55 | 38 | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) same event near5 (suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities )  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:04 |
| S56 | 32 | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) same event near5 (suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) and (optimal\$2 or optimiz\$5 or "non-optimiz\$5" or ("not" adj (optimal\$2 or optimiz\$5))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:16 |
| S57 | 2  | "20020078432"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:16 |
| S58 | 5  | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) same (suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) and event near5 ((display\$3 or render\$3 or present\$5 )near3 (context or status))                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:38 |
| S59 | 10 | 717/10?.ccls. and event near5 ((identif\$7 or display\$3 or render\$3 ) near3 (status or context) )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:40 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S60 | 63383 | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) and (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv ) "event handler" same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities )                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:45 |
| S61 | 55    | ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv )and "event handler" same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities )                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/14 07:49 |
| S62 | 1     | 717/100.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv )and "event handler" same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:48 |
| S63 | 0     | 717/102.ccls. and ((knowledge adj base\$1) or "artificial intelligence" or inferenc\$3 or ai or "neural net" or "expert system" or expert ) same (composer or ide or (development near2 (environment or system )) or visual\$2 or graphic\$4 or mvc or mcv )and "event handler" same (identify\$3 or idnetification or display\$3 or render\$3 or suggest\$3 or recommend\$5 or permit\$3 or desir\$4 or compatib\$5 or possible or possibilities ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 15:47 |

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| S65 | 2 | "6931621".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/03 17:27 |


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### [International Events and Foreign Policy Beliefs: Public Response to Changing Soviet-US Relations](#)

M Peffley, J Hurwitz - American Journal of Political Science, 1992 - JSTOR

... race, gender, education, party ID, **ide- ology**, patriotism ... greatly in importance, such an **event** would not ... the traditional uses to which that **heuristic** has been ...

[Cited by 31](#) - [Related Articles](#) - [Web Search](#)

### [ps] [Advanced Spectral Methods - all 2 versions »](#)

... , MR Allen, MD Dettinger, K Ide, D Kondrashov, ME ... - Past and Present Variability of the Solar Terrestrial System ..., 1997 - tule.atmos.ucla.edu

Page 1. Advanced Spectral Methods for Climatic Time Series M. Ghil 1 2 , MR Allen 3 , MD Dettinger 4 , K. Ide 1 , D. Kondrashov 1 , ME Mann 5 , AW ...

[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### [Criteria of Identity and the Individuation of Natural-Kind Events](#)

EE Savellos - Philosophy and Phenomenological Research, 1992 - JSTOR

... be attributed to them by the friends of the IDE. ... high softats as 'weather **event**', 'climatic **event**' and the ... should not be seen as a **heuristic** device determining ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

### [A gradient approach for smartly allocating computing budget for discrete event simulation - all 2 versions »](#)

CH Chen, L Dai, HC Chen - Simulation Conference Proceedings, 1996. Winter, 1996 - ieeexplore.ieee.org

... to compare n different discrete-**event** systems (designs ... promising preliminary results using very simple **heuristics**. ... eg, Goldsman and Nelson (1994) suggest 2 to ...

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### [Discourse Functions of Subject in Scientific Research Articles - all 8 versions »](#)

»

H GOSDEN - Applied Linguistics, 1993 - Am Assoc Appl Ling

... community orientation is also **suggested**. Therefore, the ... MiDE) 2.1 Interactive Discourse Entity (IDE) 1.6 Empty Discourse Theme 1.1 Discourse Event/Process (DEP ...

[Cited by 33](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [How to make apples from oranges in UML - all 7 versions »](#)

P Selonen, K Koskimies, M Sakkinen - System Sciences, 2001. Proceedings of the 34th Annual Hawaii ..., 2001 - ieeexplore.ieee.org

... SED with a participant for each class in the CLD, with no **events**. ... given above, we can also define more advanced **heuristics** that may **suggest** more elaborate ...

[Cited by 16](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [Inhibition of insulin-degrading enzyme increases translocation of insulin to the nucleus in H35 rat ... - all 3 versions »](#)

S Harada - Endocrinology, 1993 - Endocrine Soc

... The IDE regulatory mechanism, by controlling the ... 2). However, other reports **suggest** the internalization ... an important role in insulin-regulated nuclear **events**. ...

[Cited by 14 - Related Articles - Web Search - BL Direct](#)

[\*\*Context, Process, and Experience: Research on Applied Judgment and Decision Making\*\*](#)

CC Rohrbaugh, J Shanteau - Handbook of Applied Cognition, 1999 - ksu.edu  
... biases that can arise from the use of **heuristics** ... Simonson (1993) suggested that changes in global context would ... may not be understood when an **event** occurs that ...

[Cited by 9 - Related Articles - View as HTML - Web Search](#)

[\*\*Gone with the wind: Individual differences in heuristics and biases undermine the implication of ...\*\*](#)

DC Funder - Behavioral and Brain Sciences, 2001 - Cambridge Univ Press  
... but defend their model of **ide- alized competence** by ... assessment (ie, requests for single-**event** subjective judgments ... tionally used in the **heuristics** and biases ...

[Cited by 2 - Related Articles - Web Search - BL Direct](#)

[\*\*Generative Activity during Geometry Problem Solving: Comparison of the Performance of High-Achieving ... - all 6 versions »\*\*](#)

MJ Lawson, M Chinnappan - Cognition and Instruction, 1994 - Lawrence Erlbaum  
... 'This term was **suggested** by an ... used by Schoenfeld (1985) in his analysis of control during problem solving, and use of a more fine-grained, **event-based** coding ...

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C Baden-Fuller, HW Volberda - International Studies of Management & Organization, 1997

- questia.com

... may be undertaken by the upper tier (Chandler, 1962 ... of the firm such as new business

development departments, R&D ... is present only after the event, not during or ...

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### [Understanding 'variation' in component-based development: case findings from practice - all 4 versions »](#)

M Lycett - Information and Software Technology, 2001 - imagbean.ffclrp.usp.br

... and/or automated approaches to system development but each ... be willing to tailor their business processes than traditional higher-tier organisations whose ...

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### [\[book\] Artificial Intelligence in Economics and Management: An Edited Proceedings on the Fourth ...](#)

P Ein-Dor - 1996 - books.google.com

... representation of business objects within the three tier client-server ... analyze economic development. ... workshops focusing on economic and business applications of ...

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### [\[book\] Information Management: The Organizational Dimension - all 4 versions »](#)

MJ Earl - 1996 - books.google.com

... This event brings together academics and IS ... Beer's five-tier hierarchic model: the viable system ... Director, Business Development, Polaroid Graphics Imaging, USA ...

Cited by 53 - [Related Articles](#) - [Web Search](#) - [Library Search](#)

### [Contours of development - all 4 versions »](#)

B Singer - Journal of Business Venturing, 1995 - Elsevier

... is marked by a series of critical formative events. ... first stage of human fetal .

development an adequate ... Analogously, with respect to new business ventures most ...

Cited by 6 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [Mega-Events and Micro-Modernization: On the Sociology of the New Urban Tourism](#)

M Roche - The British Journal of Sociology, 1992 - JSTOR

... abolition of a re-gional tier of government ... to flag the 'micro-modernisation' or development impacts and ... stay-away' effect on normal business travellers and ...

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### [Validating a method for mapping managers' mental models of competitive industry structures - all 4 versions »](#)

K Daniels - 1993 - dspace.lib.cranfield.ac.uk

... for Research in Marketing City University **Business** School Frobisher ... Pmctical considerations and inter-tier reliability. ... and Conceptual Development: Ecological ...  
Cited by 34 - Related Articles - View as HTML - Web Search - Library Search - BL Direct

New organisation structures for global **business**: an empirical study - all 3 versions »

DT Wright, ND Burns - International Journal of Operations and Production ..., 1998 - emeraldinsight.com

... level **development**, to first-, second-tier and service ... sector tended to encourage staff **development** less than ... to-order and off-the- shelf **business** (Questions 4, 5 ...  
Cited by 4 - Related Articles - Web Search - BL Direct

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... in order to encourage the **development** of future best ... of the user represented by the middle-tier application, depending ... The **business** process is invoked by a user ...

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AM Dewey, R Bolton - International Journal of Electronic Commerce, 1999 - portal.acm.org ... transac- tions, or enforce **business** policies [4,321. ... Product-development processes and associated personnel ... synchronous and asynchronous events and transactions ...

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### [Application of middleware in the three tier client/server database design methodology](#)

J Fong, R Hui - Journal of the Brazilian Computer Society, 1999 - SciELO Brasil  
... procedure suggests a standard to follow in developing a 3-tier C/S. The key task is to identify the nature of the **application**, the **business** entity and the ...

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### [\[book\] Artificial Intelligence in Economics and Management: An Edited Proceedings on the Fourth ...](#)

P Ein-Dor - 1996 - books.google.com  
... objects within the three tier client-server ... focusing on economic and **business** applications of ... rule is optimal, its straightforward **application** requires the ...

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### [Specifying conceptual interface patterns in an object-orientedmethod with automatic code generation - all 3 versions »](#)

PJ Molina, O Pastor, S Martí, JJ Fons, E Insfran - User Interfaces to Data Intensive Systems, 2001. UIDIS 2001. ..., 2001 - ieeexplore.ieee.org  
... environments and the new Internet three-tier architectures. ... With the **Business** Model, the Object Society is ... the interface part of a final **application** that is ...

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M Lycett - Information and Software Technology, 2001 - imagbean.ffclrp.usp.br  
... or produced for another component or **application** in the ... may be willing to tailor their **business** processes than traditional higher-tier organisations whose ...

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### [Ph. D. Thesis Proposal: Managing Business Domain Architectures through Use Case Formalisms](#)

RR Hurlbut - Department of Computer Science and Applied Mathematics, IIT, ..., 1997 - iit.edu

... They offer an advantage over **application** generators, because rather than ... The current work done within the OMG for development of a **Business** Object Facility ...

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JJ Whitmore - IBM Systems Journal, 2001 - research.ibm.com

... of the user represented by the middle-tier **application**, depending on the design of the **application** and the ... The **business** process is invoked by a user-subject ...

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### [Panel On Transportation And Logistics Modeling](#)

JS Carson, MS Manivannan, E Miller, M Brazier, HD ... - Simulation Conference

Proceedings, 1997. Winter, 1997 - ieeexplore.ieee.org

... the preferred approach include comparison of **business** operating rules ... or meet/pass

planning for **development** of train ... intent is to utilize this **application** in a ...  
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Mega-Events and Micro-Modernization: On the Sociology of the New Urban Tourism

M Roche - The British Journal of Sociology, 1992 - JSTOR  
... calls for the **development** and **application** in empirical ... abolition of a re-gional tier of government (the ... a 'stay-away' effect on normal **business** travellers and ...  
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Architecture Development for Web-Based Geographic Information System Applications in Transportation - all 3 versions »

B Ran, BP Chang, J Chen - Transportation Research Record, 1999 - trb.metapress.com  
... RDBMS had been successfully adopted for **business** management ... The mid-tier server has  
two types of services ... objects and a set of **application** programming interfaces ...  
Cited by 2 - Related Articles - Web Search - BL Direct

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B Ran, BP Chang, J Chen - 78th Transportation Research Board Annual Meeting, ..., 1999 - topslab.wisc.edu  
... RDBMS) has been successfully adopted for **business** management. ... The mid-tier server  
has two types of services ... and a set of APIs (**Application** Programming Interface ...  
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... Data processing is the prime objective in **application development**. ... Top-tier Server, - accept request from middleware ... majority of the **business** processing logic ...

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... and/or automated approaches to system **development** but each ... be willing to tailor their

**business** processes than traditional higher-tier organisations whose ...

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JS Carson, MS Manivannan, E Miller, M Brazier, HD ... - Simulation Conference

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... as the preferred approach include comparison of **business** operating rules ... or meet/pass planning for **development** of train ... as the result of real-time **events** ...

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... may be undertaken by the upper **tier** (Chandler, 1962 ... of the firm such as new **business**

**development** departments, R&D ... is present only after the **event**, not during or ...

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Panel on transportation and logistics modeling

MS Manivannan, E Miller, M Brazier, HD Ratliff - Proceedings of the 29th conference on Winter simulation, 1997 - portal.acm.org

... as the preferred approach include comparison of **business** operating rules ... and is currently managing the **development** of a ... at CSX Transportation, a **tier-1** railroad ...

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[book] Artificial Intelligence in Economics and Management: An Edited Proceedings on the Fourth ...

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... representation of **business** objects within the three **tier** client-server ... analyze economic **development**. ... workshops focusing on economic and **business** applications of ...

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